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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>09518081 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>SHAPIRO, LELAND |
|  | <b>Examiner</b><br><br>WILLIAM W MOORE         | <b>Art Unit</b><br><br>1656   |

## SEARCHED

| Class | Subclass                                  | Date     | Examiner |
|-------|---|----------|----------|
|       | No classification-based search conducted. | 20080818 | WWM      |
|       | No classification-based search conducted. | 20090423 | WWM      |
|       | No classification-based search conducted. | 20100123 | WWM      |

## SEARCH NOTES

| Search Notes   | Date     | Examiner |
|--|----------|----------|
| Date limited (@ay<2000) inWEST search in US Patent and Pre-Grant Publications databases with (antitrypsin or AAT) near30 disease terms recited in claims 33 and 34.  | 20080818 | WWM      |
| Date limited [not @ay>2000] search in WEST's USPT & PGPB databases crossing 3 queries: [[method or treat\$4 or administr\$6] near10 [antitrypsin or AAT or A1AT]] and [[antitrypsin or AAT or A1AT] near20 [arthritis or [muscular adj dystrophy] or [multiple adj sclerosis] or arteriosclerosis or [autoimmune adj disease] or ischemia or [reperfusion adj injury] or [myocardial adj infarction] or stroke]] and [[method or treat\$4 or administr\$6] near20 [disease set of previous query]] | 20090423 | WWM      |
| Date limited [py<2000] text search in STN biotechnological and medical databases on intravenous and other modes of administration of alpha1-antitrypsin. See scanned results in file for this communication.   | 20090518 | WWM      |
| Date-limited WEST text searches in USPT, PGPB, EPAB, JPAB, and DWPI databases using ((anti adj trypsin) or antitrypsin) crossed using either same or and with medical conditions recited in claims 33 and 43. See search strategy in PDF format accompanying allowance communication.  | 20100123 | WWM      |
| Conference with K. Carlson on limitations of claims 33, 34, 37, 39, 43, 44, 47 and 49 as amended in the examiner's amendment for allowance.  | 20100127 | WWM      |

## INTERFERENCE SEARCH

| Class | Subclass   | Date     | Examiner |
|-------|--|----------|----------|
|       | No classification-based search conducted.                                      | 20080818 | WWM      |
|       | Inventor name search in WEST's US Patent and Pre-Grant Publications datebases. | 20080818 | WWM      |
|       | No classification-based search conducted.                                      | 20090423 | WWM      |
|       | No classification-based search conducted.                                      | 20100123 | WWM      |

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